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By

Peter K. Trzyna (Reg. No. 32,801)

Date

June 9, 2005

PATENT

Paper No.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Daniel L. Marks
Serial No.	:	09/399,578
Filed	:	September 20, 1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	P. Winder

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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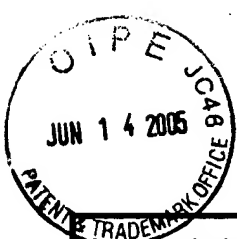
Respectfully submitted,

Date: June 9, 2005



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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Group Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	ALS-P1-99

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,008,853	04/16/91	Bly, et al.	
	A2	5,659,692	08/19/97	Poggie, et al.	
	A3	4,525,779	06/25/85	Davids, et al.	
	A4	5,528,671	06/18/96	Ryu, et al.	
	A5				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A6					
	A7					

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A8	Rules for IRC networking - Ratified July 6th 1994; Edited June 29th by #EU-Opers
	A9	Internet Relay Chat FAQ
	A10	IRC - Internet Relay Chat, doc/MANUAL; Copyright 1990, Karl Kleinpaste
	A11	Undemet IRC FAQ (Part I) (updated 28th July 1995) - Weekly Report
	A12	Undemet IRC FAQ (Part II) (updated 28th July 1995) - Weekly Report
	A13	A short IRC primer; Edition 1.1b, February 28, 1993
	A14	Internet Relay Chat Protocol; J. Oikarinen, D. Reed; May 1993
	A15	Alta Vista: Simple Query +cu-seeme +history;
	A16	Mac OS CU-SeeMe Change History README file
	A17	GIF Image 627x324 pixels
	A18	NetSpeak Information Server (IS);
	A19	WebPhone Gateway eXchange Server (WGX)
	A20	WebPhone@ 3.1
	A21	NetSpeak Servers
	A22	NetSpeak Corporation - Corporate Overview

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				Application Number	09/399,578
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				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
				Attorney Docket Number	As-P1-99
Sheet	2	Of	2		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A23	NETSPEAK CORPORATION INTRODUCES WEBPHONE, INDUSTRY'S FIRST INTERNET-BASED TELEPHONE SOLUTION FOR BUSINESS USERS
	A24	NetSpeak Network Component Architecture (NCA) Overview
	A25	Electropolis: Communication and Community On Internet Relay Chat; Elizabeth M. Reid 1991
	A26	CU-SeeMe, Updated: Thursday 21 December 1995
	A27	CU-SeeMe Tech-Toys

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Sheet 2 of 7

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Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A21	REAL TIME GROUPWARE ON THE INFORMATION HIGHWAY, Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada (1994)	
	A22	REAL TIME GROUPWARE AS A DISTRIBUTED SYSTEM: CONCURRENTLY CONTROL AND ITS EFFECT ON THE THE INTERFACE, Saul Greenberg and David Marwood, Department of Computer Science, University of Calgary, Alberta Canada (1994)	
	A23	A GROUPWARE ENVIRONMENT FOR COMPLETE MEETINGS, Ted O'Grady and Saul Greenberg, The University of Calgary, Alberta Canada (1992)	
	A24	GROUP KIT A GROUPWARE TOOLKIT FOR BUILDING REAL-TIME CONFERENCING APPLICATIONS, Mark Roseman and Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada, CSCW 92 Proceedings (1992)	
	A25	ISSUES AND EXPERIENCES DESIGNING AND IMPLEMENTING TWO GROUP DRAWING TOOLS, Saul Greenberg, Mark Roseman, David Webster and Ralph Bohnet, Department of Computer Science, University of Calgary, Alberta Canada (1992)	
	A26	LIVEWARE: A NEW APPROACH TO SHARING DATA IN SOCIAL NETWORKS, Ian H. Witten, Computer Science, University of Calgary, Canada, Harold W. Thimbleby, Computing Science, Stirling University, Stirling, Scotland, UK, George Coulouris, Queen Mary and Westfield College, London, Saul Greenberg, Computer Science, University of Calgary, Calgary, Canada (Received 1 May 1990 and accepted in revised form 1 August 1990)	
	A27	GROUPSKETCH: A MULT-USER SKETCHPAD FOR GEOGRAPHICALLY-DISTRIBUTED SMALL GROUPS, Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada, Ralph Bohnet, MPR TelTech Ltd., Burnaby, Canada, CSCW (1991(b))	
	A28	THE WORLD WIDE WEB UNLEASHED, John December, and Neil Randall, SAMS Publishing, Indianapolis, IN, (1994)	
	A29	PLATO: THE EMERGENCE OF ON-LINE COMMUNITY, Copyright 1994 by David R. Woolley, Matrix News, Vol. 4, No. 1, (1994)	
	A30	GTALK OWNERS MANUAL, David W. Jeske (1995)	
	A31	MUDS GROW UP: SOCIAL VIRTUAL REALITY IN THE REAL WORLD; Pavel Curtis and David A. Nichols, Xerox Parc (1993)	
	A32	COLLABORATIVE NETWORKED COMMUNICATION: MUDS as Systems Tools, Remy Evard, 1993 Lisa, November 1-5, 1993.	
Examiner Signature			Date Considered

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Sheet 3 of 7

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First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

A33	PROCEEDINGS OF THE SEVENTH SYSTEMS ADMINISTRATION CONFERENCE (LISA VII), Monterey, CA, USENIX Association, (1993) (One Page)	
A34	ROLE-PLAYING & ADVENTURE DUNGEONS & DRAGONS, Net Games, p. 67	
A35	THE HISTORY OF NWN, Neverwinter Nights Archive (1991-1997), netgames™ YOUR GUIDE TO THE GAMES PEOPLE PLAY ON THE ELECTRONIC HIGHWAY, A Michael Wolff Book, Kelly Maloni, Derek Baker and Nathaniel Wice	
A36	BAUDY TALES FROM THE CYBURBS: A GUIDE TO ON-LINE GAMES, (includes related articles on UseNet Message Groups and Suggested reading (Evaluation) (Software Review), Full Text: COPYRIGHT 1994 zdnet, Computer Gaming World, v 123 (1994)	
A37	AMS: Area Message Service for SLC, M. Crane, R. Mackenzie, D. Millsom, M. Zelazny, Stamford Linear Accelerator Center, Stanford University, Stanford, CA, PAC (1993)	
A38	AN EXPERIMENTAL MULTI-MEDIA BRIDGING SYSTEM, E.J. Addeo, A.B. Dayao, A.D. Gelman, V.F. Massa, Bell Communications Research, Morristown, NJ, ACM (1988)	
A39	QUILT: A COLLABORATIVE TOOL FOR COOPERATIVE WRITING, Robert S. Fish, Robert E. Kraut, Mary D. P. Leland, Bell Communications Research, Michael Cohen, University of Washington, ACM (1988)	
A40	RFC 1459 INTERNET RELAY CHAT PROTOCOL, J. Oikarinen, D. Reed (1993)	
A41	WSCRAWL 2.0: A SHARED WHITEBOARD BASED ON X-WINDOWS, Brian Wilson	
A42	GROUPWARE FOR REAL-TIME DRAWING - A DESIGNER'S GUIDE, Saul Greenberg, Stephen Hayne, Roy Rada, McGraw-Hill Book Company, Berkshire, England (1995)	
A43	COLLABORATIVE DOCUMENT PRODUCTION USING QUILT, Mary D.P. Leland, Robert S. Fish and Robert E. Kraut, Bell Communications Research, Inc, Morristown, NJ ACM (1988)	
A44	THE RAPPORT MULTIMEDIA CONFERENCING SYSTEM, S.R. Ahuja, J. Robert Ensor and David N. Horn, AT&T Bell Laboratories, Holmdel, NJ, ACM (1988)	
A45	SOFTWARE ARCHITECTURE FOR INTEGRATION OF VIDEO SERVICES IN THE ETHERPHONE SYSTEM, P. Venkat Rangan, Member, IEEE, and Daniel C. Swinehart, Member, IEEE (1991)	
A46	MULTIMEDIA CONFERENCING IN THE ETHERPHONE ENVIRONMENT, Harrick V. Vin, Polle T. Zellweger, Daniel C. Swinehart, and P. Venkat Rangan, Xerox Palo Alto Research Center, (1991)	
A47	TOOLS FOR SUPPORTING THE COLLABORATIVE PROCESS, James R. Rhyne, Catherine G. Wolf, IBM Thomas J. Watson Research Center, Yorktown Heights, NY, UIST (1992)	
A48	SYSTEM SUPPORT FOR COMPUTER MULTIMEDIA COLLABORATIONS, Harrick M. Vin, P. Venkat Rangan, University of California at San Diego, LaJolla, CA, Mon-Song Chen, IBM T. J. Watson Research Center, Yorktown Heights, NY, CSCW 92 Proceedings (1992)	

Examiner
SignatureDate
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Sheet

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of

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Application Number

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First Named Inventor

Marks, Daniel L.

Art Unit

2155

Examiner Name

Winder, Patrice L.

Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS

A49	COLLABORATION IN KMS, A SHARED HYPERMEDIA SYSTEM, Elise Yoder, Robert Aksyn, Donald McCracken, Knowledge Systems Incorporated, Murrysville, PA, ACM (1989)
A50	THE RENDEZVOUS ARCHITECTURE AND LANGUAGE FOR CONSTRUCTING MULTIUSER APPLICATIONS, Ralph D. Hill, Tom Brinck, Steven Rohall, John F. Patterson and Wayne Wilner, ACM Transactions on Computer-Human Interaction, Vol. 1, No. 2 (1994)
A51	COLLABORATION SUPPORT PROVISIONS IN AUGMENT, Douglas C. Engelbart, Tymshare, Inc. (1983)
A52	BUILDING REAL-TIME GROUPWARE WITH GROUPKIT, A GROUPWARE TOOLKIT, Mark Roseman and Saul Greenberg, University of Calgary, ACM Transactions on Computer-Human Interaction, Vol. 3, No. 1, (1996)
A53	ARCHITECTURE FOR A MULTIMEDIA TELECONFERENCING SYSTEM, L. Aguilar, J.J. Garcia-Luna-Aceves, D. Moran, E.J. Craighill, R. Brungardt, Information Services and Technology Center, SSRI International, Menlo Park, CA, ACM (1986)
A54	SPECIAL ISSUE ON CSCW: PART 1, HUMAN AND TECHNICAL FACTORS OF DISTRIBUTED GROUP DRAWING TOOLS, Saul Greenberg, Mark Roseman, Dave Webster and Ralph Bohnet, Interacting With Computers, Vol. 4, No. 3 (1992)
A55	DESIGN OF A MULTI-MEDIA VEHICALE FOR SOCIAL BROWSING, Robert W. Root, Bell Communications Research, NJ, ACM (1988)
A56	SUPPORTING COLLABORATIVE WRITING OF HYPERDOCUMENTS IN SEPIA, Jorg M. Haake and Brian Wilson, GMD-IPSI, Federal Republic of Germany, CSCW 92 Proceedings (1992)
A57	FILLING HTML FORMS SIMULTANEOUSLY: COWEB-ARCHITECTURE AND FUNCTIONALITY, Stephen Jacobs, Michael Gebhardt, Stefanie Kethers, Wojtek Rzasa, RWTH Aachen, Informatik V, Fifth International World Wide Web Conference, Paris, France (May 1996)
A58	THE WHOLE INTERNET, USER'S GUIDE & CATALOG ACADEMIC EDITION, Ed Krol, Bruce C. Klopfenstein, Ph.D., Bowling Green State University, An Imprint of Wadsworth Publishing Company
A59	WEBCHAT 0.2 SOURCE DISTRIBUTION, e-mail from Michael Fremont, Internet Roundtable Society, dated February 10, 1995
A60	SUPPORTING DEVELOPMENT OF SYNCHRONOUS COLLABORATION TOOLS ON THE WEB WITH GROCO, Michael Walther, Proceedings of the ERCIM workshop on CSCW and the Web, Sankt Augustin, Germany (Feb. 7-9 1996)
A61	THE UNIVERSITY OF CALGARY, DESIGN OF REAL-TIME GROUPWARE TOOLKIT, Mark Roseman, A THESIS SUBMITTED TO THE FACULTY OF GRADUATE STUDIES IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE, Department of Computer Science, Calgary, Alberta (Feb. 1993)
A62	SESSION MANAGEMENT FOR COLLABORATIVE APPLICATIONS, W. Keith Edwards, Graphics, Visualization & Usability Center College of Computing, Georgia Institute of Technology, GA, Association for Computer Machinery, Published in Proceedings of the ACM Conference on Computer-/supported Work (CSCW '94)
A63	SOCIAL ACTIVITY INDICATORS: INTERFACE COMPONENTS FOR CSCW SYSTEMS, Mark S. Ackerman, Brian Starr, Department of Information and Computer Science, University of California, Irvine, UIST (No. 14-17 (1995)
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First Named Inventor Marks, Daniel L.

Art Unit 2155

Examiner Name Winder, Patrice L.

Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS

A64	SOCIAL ACTIVITY INDICATORS: INTERFACE COMPONENTS FOR CSCW SYSTEMS, SYMPOSIUM ON USER INTERFACE SOFTWARE AND TECHNOLOGY, Proceedings of the 8 th Annual ACM Symposium on User Interface and Software Technology, Pittsburgh, PA (1995)	
A65	DISTVIEW: SUPPORT FOR BUILDING EFFICIENT COLLABORATIVE APPLICATIONS USING REPLICATED OBJECTS, Atul Prakash and Hyong Sop Shim, Software Systems Research Laboratory, Department of Electrical Engineering and Computer Science, University of Michigan, MI ACM (1994)	
A66	GTALK SOURCE LICENSE AGREEMENT, David W. Jeske, 08/02/1998)	
A67	ENGLEBART DOUGLAS C.: "Authorship Provisions in AUGMENT" COMPCON '84 Digest: Proceedings of the COMPCON Conference, San Francisco, CA, February 27 - March 1, 1984, pp. 465-472	
A68	ENGLEBART, DOUGLAS C.: "Toward High-Performance Knowledge Workers." OAC '82 Digest, Proceedings of the AFIPS Office Automation Conference, San Francisco, CA, April 5-7 1982, pp. 279-290	
A69	LEE, ANDREW: "Anonymous collaboration: an alternative technique for working together" ACM SIGCHI Bulletin Volume 26, Issue 3, July 1994, Pages: 40 - 46	
A70	ABDEL-WAHAB, HUSSEIN: "Reliable Information Service for Internet Computer Conferencing" Proceedings, Second Workshop on Enabling Technologies Infrastructure for Collaborative Enterprises, IEEE Comput. Soc. Press, 1993, pp 128-42	
A71	FRENCH, ROBERT S ET AL: "The Zephyr Programmer's Manual" Protocol Version ZEPH0.2, April 5, 1989	
A72	FERMANN, CARLA J.: "Distributed consulting in a distributed environment" New Centerings in Computing Services, Proceedings of the 18th annual ACM SIGUCCS conference on User services Cincinnati, Ohio, United States, 1990 Pages: 117-120	
A73	Shell = /bin/sh	
A74	COHEN, ABBE: "Inessential Zephyr" The Student Information Processing Board, August 23, 1993	
A75	FRENCH, ROBERT /mit/zephyr/repository/zephyr/clients/zaway/zaway.c, v \$; Copyright (c) 1987, 1993 by the Massachusetts Institute of Technology. * *	
A76	SUNKAVALLY, N ET AL: "Using MIT's Athena Computing System" The Tech, Volume 119, Number 39, Thursday, September 2, 1999.	
A77	TONY DELLA FERA ET AL.: "Zephyr - Sephyr Notification Service" MIT Project Athena (July 1, 1988) Zephyr Notification Service	
A78	HORUS: A FLEXIBLE GROUP COMMUNICATIONS SYSTEM, Robbert van Renesse, Kenneth P. Birman, and Silvano Maffei, Department of Computer Science, Cornell University	
A79	HORUS: A FLEXIBLE GROUP COMMUNICATIONS SYSTEM, Robbert van Renesse, Kenneth P. Birman, and Silvano Maffei, Communications of the ACN, April 1996, Volume 39, No. 4	
A80	FRENCH ROBERT S.: "Zaway - tell other people via Zephyr that you aren't around" MIT Project Athena, July 1, 1988	

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STATEMENT BY APPLICANT**

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Sheet 6 of 7

Complete if Known

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

A81	KURLANDER, DAVID ET AL: "Comic Chat" Proceedings of SIGGRAPH'96 (New Orleans, August 1996), Computer Graphics Proceedings, Annual Conference Series, pages 225-236, New York, 1996. ACM SIGGRAPH
A82	Eggheads.org - Main Index, page 1 or 1
A83	IRC.NET - "IRC.NET - IRC History Our Version",
A84	MAES, P: "Artificial Life meets Entertainment: Interacting with Lifelike Autonomous Agents", In: Special Issue on New Horizons of Commercial and Industrial AI 38, 11 (1995) 108-114, Communications of the ACM, ACM Press.
A85	LEONARD ANDREW: "Bots are Hot" Wired 4.04
A86	WALKER, JANET H. ET AL: "Using a Human Face in an Interface", ACM Human Factors in Computing Systems, April 24-28, 1994 pages 85-91.
A87	"Visual Dialog Showing Speech Interaction with an Intelligent Agent" IBM Technical Disclosure Bulletin, Volume 39, Number 1, January 1996, pages 237-239
A88	AN INTELLIGENT NETWORK SERVICE PROTOTYPE USING KNOWLEDGE PROCESSING, Int. Conf. On Tools for AI (1991)
A89	JULIA'S HOME PAGE, Julie, a Chatterbot (Dec. 19, 1994)
A90	CHATTERBOTS, TINYMUDS, AND THE TURING TEST, Entering the Loebner Price Competition (Jan. 24, 1994)
A91	ENTERTAINING AGENTS: JULIA (1993)
A92	WHAT IS AN AGENT, ANYWAY? A SOCIOLOGICAL CASE STUDY, Leonard N. Foner, (May 1993)
A93	SOCIAL ACTIVITY INDICATORS: INTERFACE COMPONENTS FOR CSCW SYSTEMS, Mark S. Ackerman and Brian Starr, Dept. of Info. And Computer Science, Univ. of California, Irvine (Nov. 14-17, 1995) UIST '95
A94	SOFTWARE SECRETARIES: LEARNING AND NEGOTIATING PERSONAL ASSISTANTS FOR THE DAILY OFFICE WORK, Siegfried Bocionek, Siemens AG, Munich, Germany (1994 IEEE)

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language

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Sheet	7	of	7	

[illegible]

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